COMMERCE AND INDUSTRY.

WASHINGTON, D. C., SUNDAY, JULY 18, 1909

ATLANTA SPIRIT" INSPIRES GROWTH

Business Slogan Somewhat Difficult to Explain.

MAY BE CLIMATE OR PEOPLE

City Originally Had Two Assets-It Was Set on a Hill and Made State Capital-Some of Its Present-day Features Discussed by a Visitor. People are Energetic.

Atlanta, July 17 .- "There is no place like Atlanta, and no tonic like the Atlantic spirit.

These words constitute the slogan which the business men of this city have adopted as a catch phrase to place on

To one who looks below the surface into the causes of things the beauty of and its wonderful recuperation after that baptism of devastalon are almost inexplicable. Atlanta has no navigable river. Though listed as one of the ports of entry of the United States it is 600 miles from the sea. It was something of a town before the railroad was thought of, and literally compelled the thought of, and literally compelled the thought of, and literally compelled the thought of the change the thought of the change against the chan ommercial importance.

People Are Energetic.

What, then, made Atlanta what it is? The only answer one can give is, the energy, aggressiveness, and determination of its people to succeed. In other words, the "Atlanta spirit." Even in early times it was peopled by energetic men, who struggled for a lead in business. That spirit then made manifest seems to have come down as a heritage to succeeding generations and to have become an abscrbing passion in the men of affairs of Both May Visit Corpus Christi this town to-day. They not only do not fail in what they undertake, but they carry their ends farther and to better success than their rivals in this Land o

Yet there is a reason which in a meas ure may account even for the Atlanta spirit. The city is on the crest of a high ridge, in the very center of the watershed between the streams which flow to the Gulf and the Atlantic. It is more than 1,000 feet above tidewater, which places in a different climate from some of the temperature and climatic influences At lanta is pretty nearly in the same envi-ronment that it would be 100 miles farther pered heat have a potential influence on the destiny of cities, as upon the lives of men, and one has the best attainable philesophical explanation of the Atlanta

State Capital an Asset. In talking with the man who has ac

ment and said: "Well. Atlanta had one asset in the beginning. It was the State capital, and to President Taft has already accepted

Atlanta is a city of 130,000 inhabitants, and with the parts of Fulton County immediately adjacent it musters probably ever, that he will no doubt be able to 160,000 people. Outwardly, it is a bustling, smoky, industrial town, a beehive of activity of every conceivable description, promised to notify the Commercial Club and has the air of utility rather than any as soon as his trip has been definitely studied effort toward a merely beautiful outlined, and when he does the dates of

In the downtown district, while many fine buildings rear their heads far into the sky, some of them with fine architec tural proportions, the aspect of things is forbidding rather than pleasing. The atings are grimy with the smirch of soft that the President shall not leave the coal, and on a murky day one instinctively thinks of Pittsburg, Cincinnati, or St. Louis, and blesses his lucky stars that he is a permanent resident of Wash-

But an automobile ride out Atlanta's the city into Fulton County with the him here at the waterways convention meanderings of the ancient cow path. It is believed that the whole affair wil one's judgment is amended, and he is be successfully arranged. soon ready to admit without reluctance that in one city on earth the speculative builder has not triumphed over the better sense of the people. The houses stand alone, great stone, brick, wood, and concrete block structures, with ground about them-six miles of them in Peachtree

ton, and the writer was told that there is trees. Each landholder plants his own trees, according to a city ordinance prescribing their place with reference to curb city engineer would have done.

lanta. Three or four years ago an origithe shores of Louisiana and Texas from on both sides of a street for two squares, on both sides of a street for two squares, and put up twenty or more houses in a ment, as stated, has taken up the mat Atlanta and the biggest burden upon the down their coast. The three projects are worker of small means, those houses, the really component parts of the same com worker of small means the really component parts of the same com-writer was told, have some of them never been occupied, and none of them when a prehensive proposition, each largely de-pendent upon the other. Especially is the people of Atlanta have learned the value section, inasmuch as it will be useless are now devoted to wheat growing and of air and ventual that the area of pasture lands is almost shade and flowers and life-like, wellordered human beings, and they simply and and Texas from the Mississippi. It that the area of pasture lands is almost that the area of pasture lands is almost ordered human beings, and they simply an and Texas from the Mississippi. It won't have the block house and the is, therefore, stated that President Diaz is

city the architectural monstrosities which disfigure many of the larger cities of the his own country as well as this. country. At least, they would discourage any such operation by all the influence in

Land Sells High.

It is learned that land sells at a high the owners out Peachtree street paid as streets the price is less, but the conclu-

VIEWS TAKEN AT RANDOM IN CITY OF ATLANTA.



A writer in the Henry County (Va.)

Bulletin, after a trip through Rockingtheir advertising literature. It is the ham County, where a macadamized road truth behind it which makes it effectual is being constructed, aptly sizes up the beneficent results of a good road: "The effect of the road upon abutting

farms is marvelous. Farmers living close Atlanta to-day, its history before Sher- to the road are invariably improving the appearance of their homes and grounds by painting, repairing, and building new houses. Many whose homes were a considerable distance from the road have abandoned their old-fashioned homes and built neat new ones close to the public road. And the entire length of the load presents a prosperous, progressive ap-

that takes place. Why is anybody again

PRESIDENT DIAZ

Next October.

ATTEND WATERWAYS LEAGUE

Difficulties Attending Mexican Excongress of that Republic-Diaz government versel, either a revenue cruis-Much Interested in the American will call at La Quinta and convey

convention of the Interstate Inland Wa-terways League, which will be held in the world, will be placed at his disthis city during the coming fall, will be posal. made an occasion of international importance by the attendance of the Presiportance by the attendance of the Presidents of the two North American required national fame through Coca-Cola publics, of the plans of the local Comabout this thing, he ruminated a mo- mercial Club, and President C. S. E. Holland, of the Waterways League, do not miscarry.

that fact, with the energy of the men who an invitation to be present at the convenhave directed business and political af- tion and deliver an address. In order to I attribute the greatness of suit the President's convenience, the anour city, whatever you are pleased to call nouncement of the dates of the convention is being held in abeyance pending the formulation of the itinerary of his Texas visit. The President has stated, come to the State the latter part of Oc

President Dinz Expected.

While the proposed visit from President Diaz, of Mexico, is surrounded by many mosphere is sordid, the once white build- be overcome. It is a law in the republic borders of his country without permission from the Mexican congress. Those in charge of the matter propose to ask the Mexican congress to grant the necessary permission, and, at the same time, re famous Peachtree street, along the fine quest President Taft to invite the chief executive of the sister republic to meet

It is thought that President Diaz wil eagerly avail himself of the opportunity to become identified and get in touch with the movement which the convention will espouse, inasmuch as a continuation of the Intercoastal Canal down the Mexican coast from the Rio Grande to Vera Cruz and beyond has lately been project City Is Well Shaded.

Atlanta is as well shaded as Washing-President Diaz is said to be deeply interested in the project. This Mexican pro ne city department having charge of the ject is really one of the results of the educational campaign in waterways im provement matters conducted by the In-

terstate League. scribing their place with reference to curb lines, and public sentiment and the eter- a similar inland canal from the New Engnal fitness of things have led these At- land States down the Atlantic coast to intans to set the same kinds of trees on Florida, thence across the Florida peninthe same streets, much the same as a sula, and along the Gulf coast to New Orieans, where it will join with the In-The detached house is the rule in Attercoastal Waterway, which will skirt gladly welcome everything of this nature less than 1 per cent of the capa the Mississippi to the Rio Grande.

Though rents are high in ter of continuing the inland water route

Will Stop at Brother's Home.

When President Taft reaches this sec- wheat growing. ion to keep his engagement at the waterways convention, he will be domiciled price for house sites in Atlanta. Some of during most of his stay at the palatial summer home of his brother, Charles P. prospect for Cotton Plant. Investors from the owners out Peachtree street paid as high as \$15 to the front foot, even for moderate-priced homesteads. In smaller moderate-priced homesteads. In smaller leaves but the corpus Christi Bay, about ten miles east of Corpus Christi. The home occu- interested in the proposal, and have sepies a commanding position on a bluff cured in prospect nearly all the timber forty feet high, overlooking Corpus Chris-needed, and there remains to be secured Continued on Page 2, Column 4. ii Bay, the prettiest body of water on the by them a site for the plant.

Gulf of Mexico. The home is called by a Mexican name, La Quinta. It is equipped with every convenience and ac-

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of the North and East.

Among the various equipment, being one of the many of its kind on the premises, is a bath tub of extraordinary proportions. It was installed expression the owner's big brother, who is not ample dimensions are not sufficient to accommodate his bulky frame, all the Fresident will have to do will be to walk out the spacious pier which leads out from the mansion into ten feet of water. less to say, there are also ample facilitie for giving visitors to La Quinta an opportunity to enjoy the sea bathing which

Corpus Christi Bay affords.
On the day scheduled for his appea or a gunboat detailed for that purpose city, which may be plainly seen on a cleaday from La Quinta. During his stay in this city, the handsome residence of Corpus Christi, Tex., July 17 .- The next Mrs. H. M. King, the owner of the fa ROY MILLER.

Among Its Resources.

Hardwoods Abound Near the Town, and Mills Are Needed to Work Up Lumber.

Bennington, Okla., July 17.-Bennington The Washington Herald, and we desire about the third place. a little space to tell of the resources

that abound in this direction. To begin with, Bennington is in the from 60 to 80 bushels to the acre, and the prospects for a bumper cotton crop

were never better. spected our clay, sand and coal deposits, and his report was that we had, four miles south of town, a four-foot vein of for commercial purposes.

About the same distance north of Benthe best grade of glass sand, containing grade of plate glass. There is also an unlimited amount of potter's clay around Bennington, and Mr. Gould says that he will not be surprised to see a Portland cement in Bennington at an early date. of the greatest hardwood markets in limited supply. Any factory for the use of hardwood could not do better than to Ardmore is supplied with a high grade locate in Bennington. Our citizens will of natural gas from the first-named field. and will lend all kinds of encouragement to capitalists seeking locations for the

establishment of factories.
J. D. DOUGLASS. Secretary Commercial Club.

Extension of Wheat Acreage.

could get a detached house. The later true with respect to the Mexican It is stated that less than 2,000,000 acres of air and ventilation and sunshine and for commercial purposes unless it is that the area of pasture lands is almost thirty-four acres under grass to every wretched speculative builder need not deeply interested in the Louisiana and twelve that are cultivated. This increase wretched speculative builder heed not apply.

Texas project now under way, and hence in the amount of pasturage over plowed in the amou summation of which means so much to wheat this year than in previous years, but farmers are reported to be uncertain whether, even at present wheat prices,

May Have Stave Mill.

Cotton Plant, July 17 .- A stave mill is in

ROADS TO WEALTH

the nation's Chief Executive. If the tub's Center of Region Rich in Mineral Resources.

FINE FARMS SURROUND CITY

Sketch of the Growth of Bustling \$5,538,413. Up with Thrifty Farmers,

Ardmore, Okla., July 17 .- No part of that part of the State lying between the of \$256,164. This represents 96,213 tons. Arbuckle Mountains and the Red River This region is fifty miles wide at some points, and Aramore is the metropolis.

Twenty years ago this was the domain of the cattleman, but it is now cut up into small tracts and is filled with prac-Lignite, Glass Sand, and Clay Are tical farmers from the Middle West who Pennsylvania Railroad Will Elecare raising millions of bushels of corn, hundreds of thousands of tons of alfalfa, hogs, mules, horses, many varieties of fruit, including grapes, peaches, plums, apples, strawberries, and blackberries.

Less than ten years ago Ardmore held the world's record as a wagon cotton market but that was when there was one railroad and the wagon trade extended for sixty miles or more to the east is one of the good towns that has not and west. Cotton was then the money been reported in the Progress Section of crop, while to-day it has been retired to

Minerals Come to the Front.

center of one of the best farming coun- can best be understood by quoting from second vice president of the Pennsylvania tries in the Southwest, and this year's a recent address by Prof. C. N. Gould, Railroad Company, and Charles M. crops are very fine. Corn will make director of the Oklahoma Geological Sur- Jacobs, chief engineer of the North River vey, in which he said:

Recently State Geologist, Charles N. than any other State in the Union, and ing. This will be undertaken immediate-Gould, paid Bennington a visit at the in- I am willing to supplement it with the ly and pushed forward as vigorously as vitation of the Commercial Club, and in- statement that Carter County and the possible.

fignite coal, that can be mined profitably in minerals than other countles in the porary track has been installed on the nington, Prof. Gould found a deposit of various cities for paving purposes. This carried over this line and into the tunmaterial was used on the streets of Ardless than one-half of 1 per cent of iron ore, more, and Prof. Gould has repeatedly the public of having this and stated that it would make the best stated in public addresses that "Ardmore across Manhattan Island. has the best paved streets in America to-

One of our most valuable resources is exhaustible quantities, over 99 per cent the timber industry. Bennington is one pure, is to be had; a field of fuel oil two by three miles in size has been de-Oklahoma, and what we need is factories veloped to the west in the county, while that can utilize such woods as walnut, a little farther east of Ardmore, in the cak, ash, bois d'arc, cottonwood, and adjoining county, the finest oil ever found in this country is being produced, run ning as high as 70 per cent gravity.

> the wells being consumed. Excellent Washita River and is now being developed. Coal, copper, zinc, lead, and iron are to be found, but not in paying quantities.

> > Overcomes Difficulties,

No city ever made such advancement under such adverse circumstances. When the Santa Fe Railroad built through the tunnels. For use in drilling operanortheastern Online, and the tunnels. For use in drilling operanortheastern Online, and the tunnels. Many of the middle-aged and older
a ledge of limestone, 300 feet thick.

Many of the middle-aged and older
A ledge in the Arbuckle Mountains, men of this city relate that they acsprung up, and for many years was the chief emporium to be found in either the Chickasaw or Choctaw nations. The point was selected for a town by the railroad because of its elevation, which was then the greatest on the line. It was drained into four streams, fanned by the cooling breezes of the south, and protected from the chilling winter winds of the north by Arbuckle Mountains. All the country belonged to the Indians, and was held by the tribes. Each merchant or home owner built on land for which he a ground rent to the Indian. The farmers were all tenants.

In 1902, when the Indian lands were alloted to the individual Indians, the occupants of land in the town were given the opportunity to buy at one-half the ap-

Continued on Page 2, Column 3. | board's efforts. Join to-day."

Collector Files Report Which Con-Tebbitts, of the port of Mobile, has just ssued his report for the fiscal year ended

bales, valued at \$13,779,289. Iron pipe was

wilk of the pipe shipments is given at HE DISCUSSES THEIR VALUE Cuba takes the largest amount of exports, valued at \$7.198.253. France follows with \$6,538,470. England comes next with

Oklahoma Town that Has Over- The largest exports for one month were come Many Difficulties - Indian in January, showing a total of \$3,448,593. 1908, when the exports amounted to \$7;

AT THE PORT OF MOBILE

tains Much Interesting Data.

June 30. The report contains some inter-

The total value of the exports for the

twelve months is given at \$27,356,586. The

largest item in value is cotton, 292,586

exported to the value of \$277,983. The

Mobile, July 17.-Collector William F.

NO TONIC LIKE ATLANTA SPIRIT.

the Resources There.

Highways at Small Costs.

which of these is most important,

quires a good building material.

clude all these qualifications .

material is to be found.

Material Near at Hand.

that occasionally, as in western Tennes-

see, limestone and other road-building

Where Materials Are Found.

Asphalt in the South.

outcrop for miles on the surface. Hun-

it will never be good.

amounted to \$3,768,808. Of this amount \$3,485,581 were admitted free. Oklahoma has more varied resources than at the port of Mobile to the total value

FINISH NEW YORK TUNNELS

trify and Lay Tracks.

What Bergen Hill and Hudson River Subways Cost in Way of

Philadelphia, Pa., July 17.-The Pennsyl-Another source of wealth is begin- street, New York. The final inspection ning to be developed. Its significance has just been made by Samuel Rea, Division, and the work has been pre-"The State of Oklahoma has more kinds nounced in condition to proceed with of mineral, and more mineral of the kind, electrification, signaling, and track lay-

city of Ardmore are right in the midst | The Hackensack portal is 6.1 miles from the junction with the main line at Har- built of the material on the ground. This cars in this city. The first cars turned In other words, Carter County is richer rison, just east of Newark, N. J. A tem-State. Several mines of asphalt are be- embankment from Harrison to the portal, ing operated and the product shipped to and materials for track laying will be nels, thus avoiding the inconvenience to more, and Prof. Gould has repeatedly the public of having this material carted

Thus culminates the construction work Carter County brick are made from our trunk line service under the Hudson pebbles, sand-stone, and clay. clays, cement abounds, silica sand in in- River. The first excavation was begun exhaustible quantities, over 99 per cent May 12, 1905. The north tunnel was joined on September 12, 1906, and the south tunnel on October 9, 1896. The tunnels under 1908, and April 11, 1908, respectively.

These two tunnels, which are twenty three feet in exterior diameter, are lined terials, particularly limestone, asphalt than a foot wide, which the passengers with two feet of concrete, and, therefore, and granite. These three rocks, consti-are of nineteen feet interior diameter, tute the best road-building materials. Clinging to Hand Rails.

> For blasting, 1,201,000 pounds exhausted. of powder have been used. All the subaqueous tunneling was done under compressed air, and for this purpose, 3,776,-000 cubic feet of air were pumped into

of structural steel were used. In bolt-ing the segments together, 2,5% tons of Asphalt i steel bolts were utilized. In the various concrete linings, 240,500 barrels of cement were consumed and 170,600 cubic yards of concrete linings, 349,500 barrels of cement were consumed and 159,400 cubic yards of concrete were installed. In addition, there extending from the Arkansas line, west lar car until the cable was introduced, were 1980 cubic yards of brick work through the Arbuckles to the western. were 4,980 cubic yards of brick work, and in the benches alongside of the tracks, 1.87,396 duct feet of 346.1 miles of conduits were installed

The Lexington (S. C.) Dispatch asks: "Have you foined the board of trade? If dreds of them have been discovered, and not, why not? This organization of citi- perhaps, others will come to light. zens can do the town good, and will most certainly do so. You ought to do your praised valuation, all of which the part. Every citizen and every business Oklahoma for 100 years, and by the way, rising market. The Laclede company will be benefited in some way by the

Good Advice Anywhere.

ST. LOUIS MAKES THE STREET CARS Produces Sixty Per Cent of

Vehicles Used in America.

OUTPUT IS WORTH \$8,000,000

Trolleys Manufactured There for World to Ride in-Capacity of One Works Cover Forty-five Acres, Twenty-two Buildings Required.

St. Louis, Mo., July 17 .- St. Louis leads the world in the manufacture of street cars. This includes motor cars of every size and character which run on rails In addition to leading all other cities in production. St. Louis holds the record fo durability, style, design, and finish

The cars made here are regarded gen erally as the highest standards of the car-building art, and for this reason, when European street railway operators desire strictly modern and serviceable This distinction held by St. Louis local manufacturers intend to keep the palm in this city.

ning of the financial flurry, the St. Louis works produced cars which brought \$8,000,000. The year following was not as favorable, as the financial scare caused the street railway men to retrench wherever an opportunity afforded, and the utput was only \$6,500,000. The plants here build the cars to order,

and have the men, materials, and machinery to turn out a consignment in an almost incredibly short time. IN ROAD MATERIAL

Can Build 3,600 Cars a Year.

The St. Louis Car Company, with its nmense works at Baden, in the north end of the city, has the largest plant in State Geologist Describes the world. Under pressure this estabishment can supply 3,000 large first-class electric cars in one year. The works cover forty-five acres, over which are spread the twenty-two buildings representing the various departments neces sary to the production of the modern car. With the exception of the motors, the ar works supplies all the materials that Asphalt, Limestone, and Granite go into the finished car. All the woodiFound in Great Quantities in Porwork, metal work, and ornamentation

re supplied at the works. tions of the Territory-Other Mate-Some idea of the amount of detail work rials Also Available-Can Have Good necessary in this line of manufacture can be gathered from the fact that the side less than six departments before they are placed in their proper places. All Guthrie, Okla., July 17.-There are three the planing mill work, as well as the mobile ssentials of a good road-location, drain- ing and forging of metals, is done in the essentials of a good road-location, drain-age and surface. It is an open question where they are made to the large as-A civil engineer would say that the from the ground to the trolley poles, natter of grade is essential and that Miles of track are laid in these great

vithout the best location, a good road departments as the cars are built on rails, and kept there until they are ready A drainage engineer would insists that to be loaded on flat cars and shipped to miess the road is thoroughly drained, talks a terminal railway system of its own to ship the cars to the main lines Both these propositions may be granted, and get its supplies, and uses its own but it seems true that after all, the electric engines and flat cars in the surface of the road is the most impor- operation of this road. tant factor. In other words, really good

St. Louis Has Long Led.

reads are impossible without a hard sur- This city has played not only a conface, and a hard surface necessarily re- spicuous part in the development of the modern car, but has done more than any The surface of a road should be hard other American city in the discovery and and firm, but not brittle. It should con- expleitation of improved methods of contain cementing material, so that it will ducting the street railway business. Back remain in good condition, and not become in the early '80's St. Louis went exvania Railroad has completed the condusty in dry weather, and muddy in wet tensively into the building of expensive struction of its tunnels under Bergen weather. It should be durable so that it cable lines, while the other big cities Hill and the Hudson River, into its sta- will resist the wear and tear of traffic. Were feeling their way carefully, experition at Seventh avenue and Thirty-third An ideal road-building material must in- menting on a comparatively small scale. nies which built the immense cable lines cast aside the old and went at once to Most roads, however, must be con- the new order of things. This meant the structed of material near at hand. Road rebuilding of the lines and an entirely material is bulky, and only under extra- new system of cars. When the Transit ordinary conditions can it be transported company absorbed the St. Louis lines or an conditional lines of they were up to date and far ahead of for any considerable distance. It is true, the systems in the other larger cities.

First Car was the "Bob-tail." The progressive policy of the street railmaterial has been transported 100 miles or more, yet the fact remains that ninetenths of all the roads will always be of stimulating the business of building being true, we should know where in the out of the shops here were built for the State of Okiahoma good road-building local lines, and as improvement suc-

ceeded improvement the owners of rail-This leads up to the question of what ways elsewhere began to take notice of is the best road-building material? Extithe style of rolling stock made in St. periments, particularly in France, English. As the orders increased new land, Massachusetts, and New Jersey, shops were built for the handling of the demonstrate that the various native rocks business, which grew as the fame of the used for road-building material, stand in local product extended, about the following—asphalt, trap rock. The car building business was pigneered

on the first two tunnels to be built for hard limestone, flint, granlte, gravel and in St. Louis by Messrs. Brownell & trunk line service under the Hudson pebbles, sand-stone, and clay. Wright, who established a factory in North Broadway in the '60's, and manu-Where Materials are Found.

Where, in Oklahoma, are these various materials found? By reference to a geologic map, you will notice that I have attempted to indicate the location board or step on the back about two in the State of certain road-building ma- and one-half feet long and not more

They extend from the Hackensack portal found in quantity in Oklahoma.

There extend from the Hackensack portal found in quantity in Oklahoma.

Limestone of good quality is found in this step, and when traffic was heavy a distance of 1.2 miles, and from the inexhaustible quantities in six widely latter shaft to Ninth avenue, New York, Oklahoma. There is enough material in on to these, having just about enough sight for the construction of roads for room on the step to get a toe hold. The 501.995 cubic yards of material have been hundreds of generations. It cannot be motive power was a jaded-looking mule exhausted.

In the northern part of the State there when the load was heavy and an upare more than twenty ledges, averaging grade was encountered. On these occaten to forty feet thick, outcropping in sions the driver was wont to sound his half a dozen counties. Four counties, in eall for volunteers to push the car over

Many of the middle-aged and older The tunnels contain 64.265 tons of cast which occupies a good part of Murray. Iron and steel, while in addition, 740 tons Johnston, and Pontotoe counties, is more or trying to ride, on the cars in the

The car builders saw the drawbacks The asphalt is found chiefly in the of the bob-tail, and began turning out called veins, extending from the surface Then came the motor cars, and trolley to the depth of 1,000 feet or more. The lines, larger power-houses, and more veins are sometimes fifty feet wide and trouble wagons.

New Companies Formed.

For a long while the Brownell-Wright There is enough asphalt in sight now company had a clear field in its line of to pave the streets of all the cities of production, but competition came with a

Continued on Page 4, Column 4. | Continued on Page 3, Column 4.